

Welding Water Coolers

TIG Welding • MIG Welding • Plasma Cutting & Welding • Resistance Welding

Premium - Dual Cool™ - HEAVY DUTY WATER COOLER **Models, C45-1 (120 volts), C45-2 (240 volts) - Vane Pump**



C45

Premium water cooler featuring the unique WeldTec® Dual Cool™ water flow system. Out performs all coolers in its class - industrial grade, rated up to 700 amps.*

- Unique Dual Cool™ flow design cools the coolant twice for maximum efficiency.
 - All stainless steel construction - 4 gallon tank.
 - Positive displacement bronze rotary vane pump.
 - Efficient double pass aluminum fin - copper coil radiator.
 - 18,000 BTU/hr. rated cooling capacity for welding equipment up to 700 amps.*
 - Specifications: weight 35 lbs (dry), size 18" L, 9 ¼" W, 16" H
- Suggested TIG torch models: WT-18, WT-27W, WT-28, SW-320, SW-450

Deluxe - MEDIUM DUTY WATER COOLER **Models, C35-1 (120 volts), C35-2 (240 volts) - Vane Pump**



C35

Deluxe water cooler designed for torches up to 500 amps* - industrial grade.

- All stainless steel construction - 3 gallon tank.
 - Positive displacement bronze rotary vane pump.
 - Efficient aluminum fin - copper coil radiator.
 - Standard compartmented torch parts storage box attached to top of cooler.
 - 12,000 BTU/hr. rated cooling capacity for welding equipment up to 500 amps.*
 - Specifications: weight 33 lbs (dry), size 18" L, 9 ¼" W, 14" H
- Suggested TIG torch models: WT-18, WT-20, WT-20H, WT-22, WT-28, SW-320

Standard - LIGHT DUTY WATER COOLER **Models, C25-1 (120 volts), C25-2 (240 volts) - Vane Pump**



C25

Standard water cooler designed for light-medium duty torches up to 300 amps.*

- All stainless steel construction - 2 gallon tank.
 - Positive displacement bronze rotary vane pump.
 - Efficient aluminum fin - copper coil radiator.
 - 10,000 BTU/hr. rated cooling capacity for welding equipment up to 300 amps.*
 - Specifications: weight 31 lbs (dry), size 18" L, 9 ¼" W, 12 ½" H
- Suggested TIG torch models: WT-20, WT-20P, WT-24W, WT-25, WT-125

Common cooler features . . .

- Rustproof stainless steel construction, tank, motor plate, hardware and cover.
- High flow low noise fan pulls cool outside air in through the radiator.
- Easy access coolant fill port with visual flow indication when operating.
- Thermal overload protected 1/3 hp, 115/230V. 1 ph. motor with 8 ft. grounded cord.

All models are compatible with most brands of TIG welding machines and water cooled equipment.

*May vary with torch design and cable assembly length.

WeldTec® - "where quality and innovation never ends"

WATER COOLER

WeldTec's water coolers are designed to give reliable, efficient performance. Made from rust free stainless steel materials using industry proven components. Easy to use and easy to maintain for long trouble-free service.

ORDERING INFORMATION

Premium - Dual Cool™ - HEAVY DUTY WATER COOLER

Models C45-1 (120V) - Vane Pump
C45-2 (240V) - Vane Pump

4 gallon tank capacity.
(new model)

Deluxe - MEDIUM DUTY WATER COOLER

Models C35-1 (120V) - Vane Pump
C35-2 (240V) - Vane Pump

3 gallon tank capacity.
(replaces model C2.5-1G)

Standard - LIGHT DUTY WATER COOLER

Models C25-1 (120V) - Vane Pump
C25-2 (240V) - Vane Pump

2 gallon tank capacity.
(replaces model CSK 2.5-1)

OPTIONAL ACCESSORIES

GEAR PUMP - OPTIONAL

Premium whisper quiet bronze rotary gear pump - field repairable.

C1110



PRESSURE TEST GAUGE

A compact pressure test gauge to check or set output pressure. Pressure range 0 - 100 psi. All brass construction, fitted with a convenient hand nut connection.

C100TG



ON - OFF CORD SWITCH

A rocker style on-off switch mounted in the power cord for convenient control at the cooler. 115 volt, 1/2 HP.

C100CS



FILTER KIT

Air intake filter minimizes dust and debris build-up on radiator fins. Mounts on air intake end of cooler. Easily removed and washable.

C100FK



COOLER CARE CONDITIONER

A special blended additive of pump lubricant and anti-fungicide to prolong pump life and limit algae growth in the reservoir. 4 fl. oz. treats 2-5 gallons.

C100CL



QUICK CONNECT KIT

Quick release hose couplers for both the water-out and water-return lines allows the torch hoses to be removed quickly without tools.

C35QR-W



SPECIFICATIONS

CAPACITY - For use on water cooled welding equipment from 300 to 700 amps* depending on cooler model.

RESERVOIR - Rustproof stainless steel tank, 2, 3 or 4 gallon capacity depending on cooler model.

PUMPS

Gear Pump (Optional) - Premium durable bronze rotary pump with quiet helical gears, stainless steel shafts, self priming with adjustable pressure range from 2 - 100 psi., factory set at 50 psi. Built in pressure relief valve returns excessive output to tank for maximum cooling. Quick connection to motor, standard CGA 5/8-18 female LH connections. Pump repair kit (C11969) available.

Vane Pump (Standard) - Positive displacement rotary vane pump. Self priming with adjustable pressure range from 2 - 100 psi., factory set at 50 psi. Quick connection to motor, CGA 5/8-18 female LH connections.

Caution - do not run pumps dry to avoid internal damage.

MOTOR - 1/3 HP, clockwise rotation, 1725 rpm. 115 volt - 5.6 amps., 230 volt - 2.8 amps. 50/60 Hz, single phase. Thermal overload protection. 8 ft. grounded cord. UL approved.

RADIATOR - Multiple loop copper tubes with corrugated aluminum fins, dual loop circuit on C45 models. Efficient outside - in airflow.

CONNECTIONS - Industry standard water fittings, 5/8-18 LH female. Torch lines connect directly. Quick connect couplers shown above.

DIMENSIONS - See individual cooler specifications.

WARRANTY - Limited one year parts and labor from date of purchase. Contact manufacturer for details.

DO NOT USE AUTOMOTIVE ANTIFREEZE SOLUTIONS - VOIDS WARRANTY

Automotive antifreeze contains additives such as silicates and phosphates for use in automobile engines and is not suited for closed loop cooling systems. Use non-automotive antifreeze coolant only if the cooler is used in freezing conditions. Use a maximum of 50/50 mixture which will give protection to 10° F. Propylene glycol is strongly recommended for safety reasons.

KEEP ANTIFREEZE AWAY FROM CHILDREN AND PETS.